Name: .... Class: ....

Estimating differences word problems

a.

Mr. Liam owns a chain of candy stores in the city. During the Halloween month, they sold over 8,236,142 candies. In the month immediately after the Halloween month, the sales fell drastically and they sold only 2,111,384 candies.

About how many more candies did they sell in the month of Halloween than the month immediately after Halloween?

b.

At the beginning of the year, there were 689 students in Smith' music class. For reasons best known to him, he let 156 students go.

About how many students are left in Smith' music class?

c.

On the shopping list of 842 items that I had to buy, I bought only 381.

About how many items am I left with to buy?

d.

Killian owns a very big orange farm. Last year, he harvested 3,258,275 oranges.

If he harvested a total of 8,640,430 oranges last year and this year, about how many oranges did he harvest this year?

Name: .... Class: ....

Estimating differences word problems

a. Number of candies they sold during the Halloween month = 8,236,142,
Number of candies they sold during the month immediately after Halloween month = 2,111,384.
Therefore, the estimated number of more candies they sold in the month of
Halloween than the month immediately after Halloween =
candies they sold during the Halloween month + candies they sold after Halloween month

$$
\begin{array}{r}
8,000,000 \\
-2,000,000 \\
\hline
6,000,000
\end{array}
$$

> They sold about 6,000,000 more candies in the month of
> Halloween than the month immediately after Halloween.

b.
About 500 students were left in Smith' music class.

c.
I am left with about 400 items to buy on the shopping list.

d.
He harvested about 6,000,000 oranges this year.